



```

<- Not I ->                <------ β2m SIGNAL ----->
GCGGCCGCCGTACGGCCGAGATGTCTCGCTCCGTGGCCCTTAGCTGTGCTCGCGCTACTCTCTCTTTCTGGCCTGGAGGCT
      M S R S V A L A V L A L L S L S G L E A
                                           (SEQ ID NO:18)
                                           (SEQ ID NO:19)

<------ HIV-A24Nef138-10 ----->
AGATATCCACTGACCTTTGGATGGTGCTTC GGA      (SEQ ID NO:20)
R Y P L T F G W C F G      (SEQ ID NO:21)

<------ HIV-A24Env584-11 ----->
AGATACCTAAGGGATCAACAGCTCCTAGGGATT      (SEQ ID NO:22)
R Y L R D Q Q L L G I      (SEQ ID NO:23)

<------ LINKER -----X----- β2m ----->
GGAGGTGGCGGTCGCGAGGTGGTTCTGGTGGAGGTTTCGATCCAGCGTACTCCAAAGATT      (SEQ ID NO:24)
G G G G S G G G S G G G S I Q R T P K I      (SEQ ID NO:25)

----- (OMITTED) -----

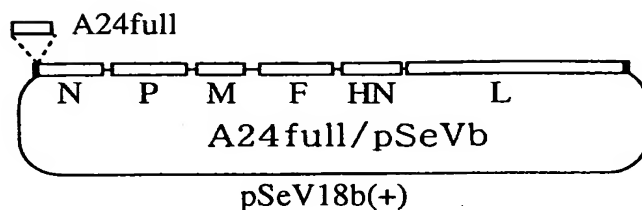
<------ β2m ----->                <-ESIGNAL>    <- S SIGNAL ->    <- Not I ->
AAGTGGGATCGAGACATGTAACGTACGCCGTAGTAAGAAAACTTAGGGTGAAAGTTCATCGCGGCCGC (SEQ ID NO:26)
K W D R D M *                                           (SEQ ID NO:27)

```

FIG. 1

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(A)



(B)

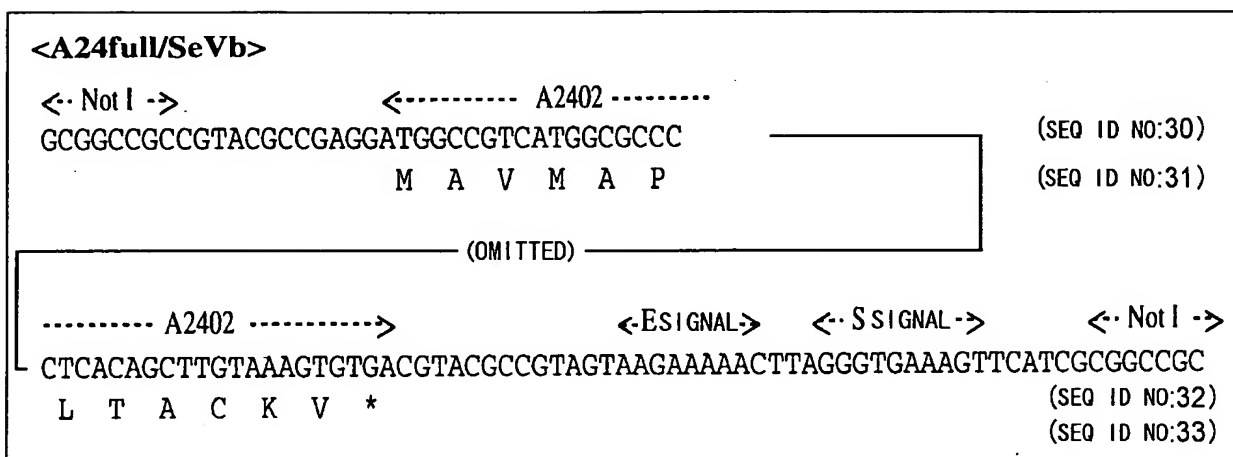
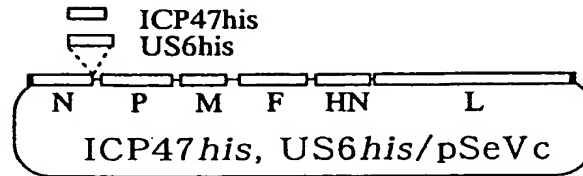


FIG. 2

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(A)



(B)

.pSeV18c(+)

<b>&lt;ICP47 his/pSeVc&gt;</b>			
<..Not I ->	<E SIGNAL>	<S SIGNAL ->	<..... ICP47 .....
GCGGCCGCAGTAAGAAAACTTAGGGTCAAACGTACGGCCGAGATGTCGTGGGCCCTGGAA			(SEQ ID NO:39)
(OMITTED)			M S W A L E (SEQ ID NO:40)
----- ICP47 -----> <..... (His) <sub>6</sub> -----> <..Not I ->			
CGTAATCCGGTAACCCGTGGAGCTCACCACCATCACCACCATTGATAGCGGCCGC			(SEQ ID NO:41)
R N P V T R G A H H H H H H *			(SEQ ID NO:42)
<b>&lt;US6 his/pSeVc&gt;</b>			
<..Not I ->	<E SIGNAL>	<S SIGNAL ->	<..... US6 .....
GCGGCCGCAGTAAGAAAACTTAGGGTCAAAGCCTTCACTATGGATCTCTTGATTTCGT			(SEQ ID NO:43)
(OMITTED)			M D L L I R (SEQ ID NO:44)
----- US6 -----> <..... (His) <sub>6</sub> -----> <..Not I ->			
ATTCGACGTTGTGGCTCCGGAGCTCACCACCATCACCACCATTGATAGCGGCCGC			(SEQ ID NO:45)
I R R C G S G A H H H H H H *			(SEQ ID NO:46)

FIG. 3

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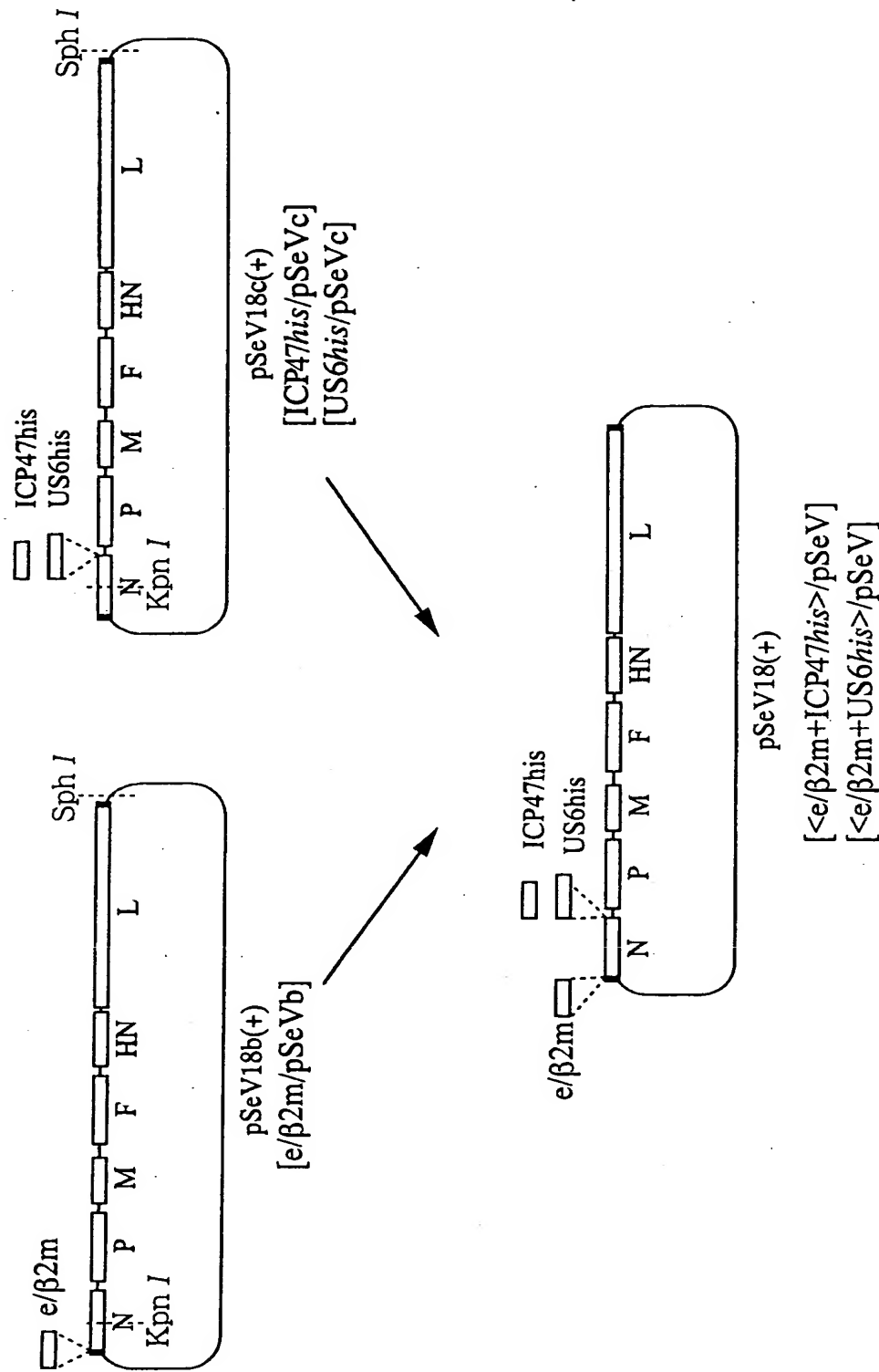
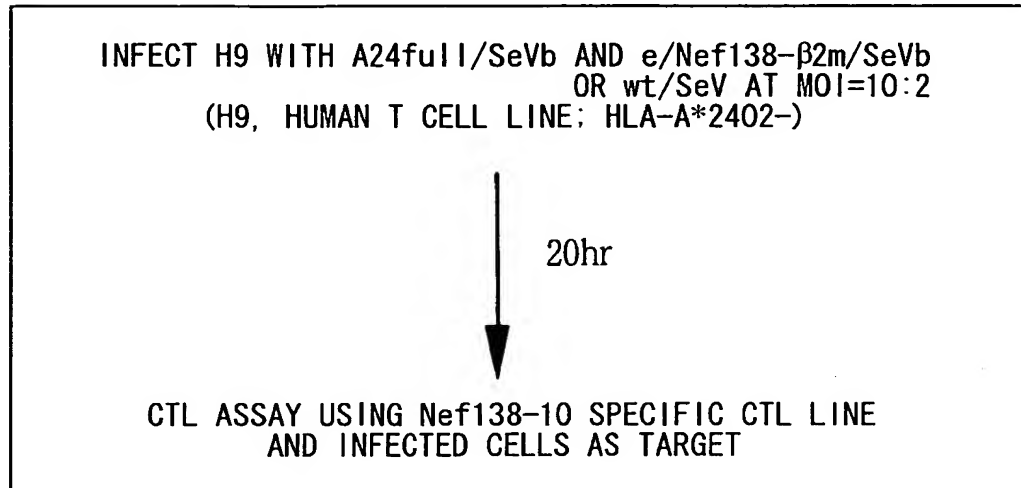


FIG. 4

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(A)



(B)

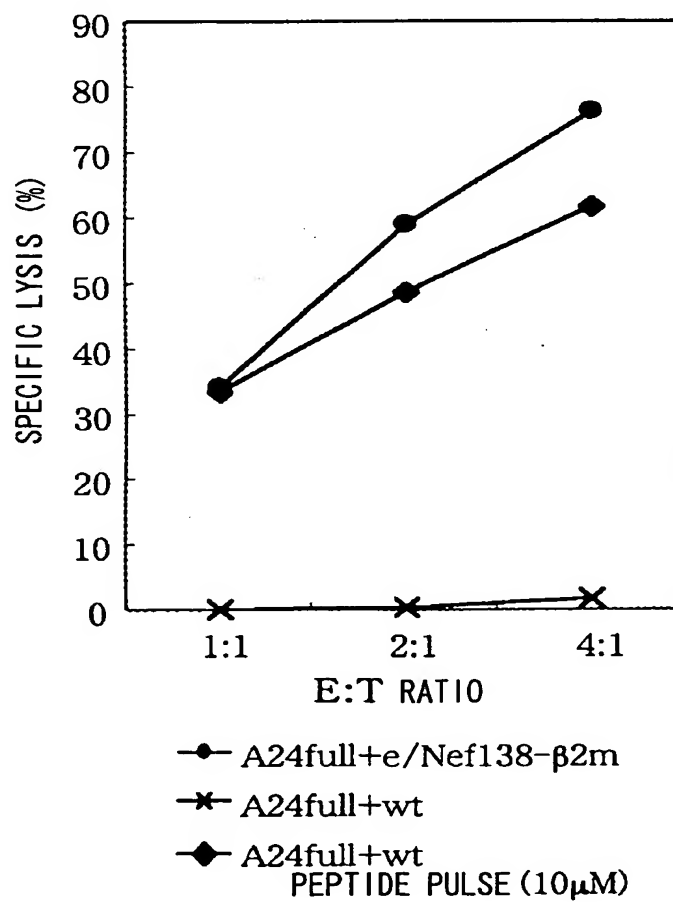
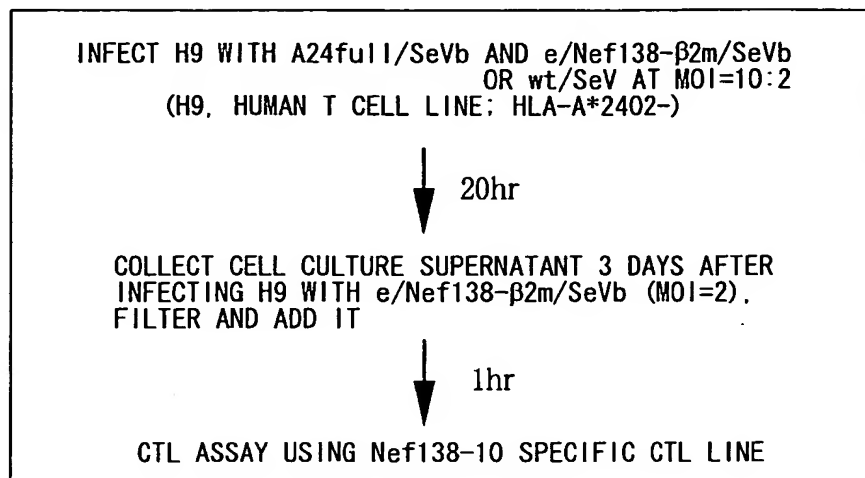


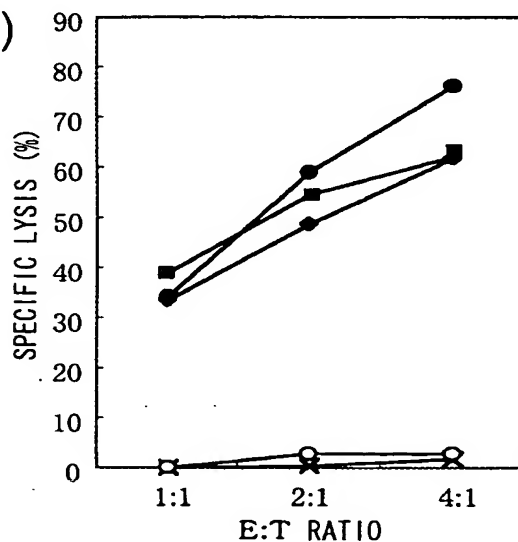
FIG. 5

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(A)



(B)

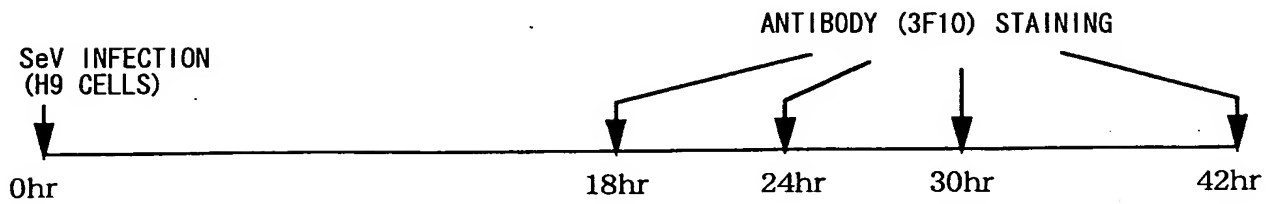


	SeV INFECTION		SOLUBLE FACTOR
●	A24full	e/Nef138- $\beta$ 2m	-
✱	A24full	wt	-
◆	A24full	wt	PEPTIDE (10 $\mu$ M)
■	A24full	wt	e/Nef138- $\beta$ 2m
○	A24full	wt	wt

FIG. 6

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(A)



(B)

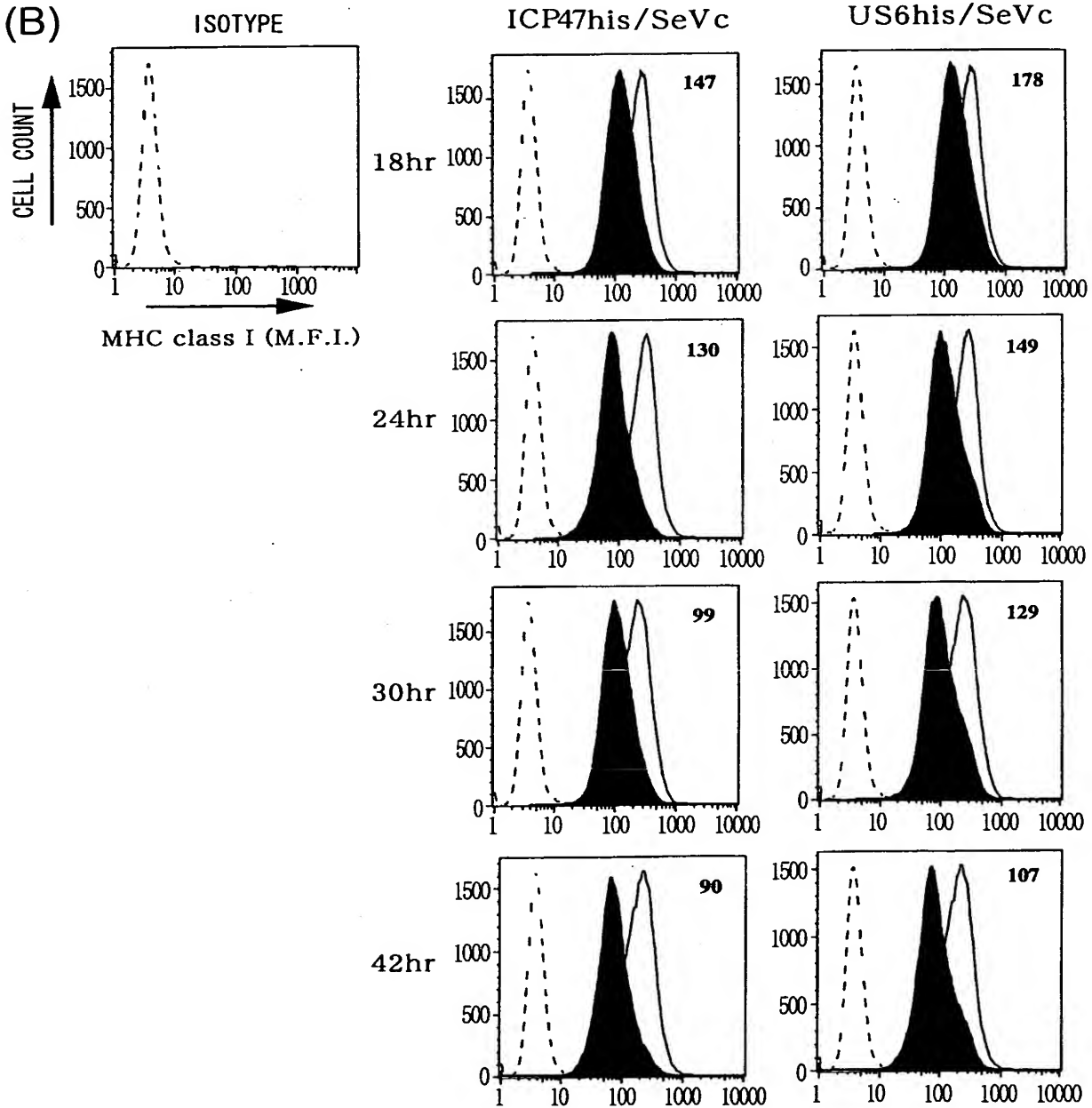


FIG. 7

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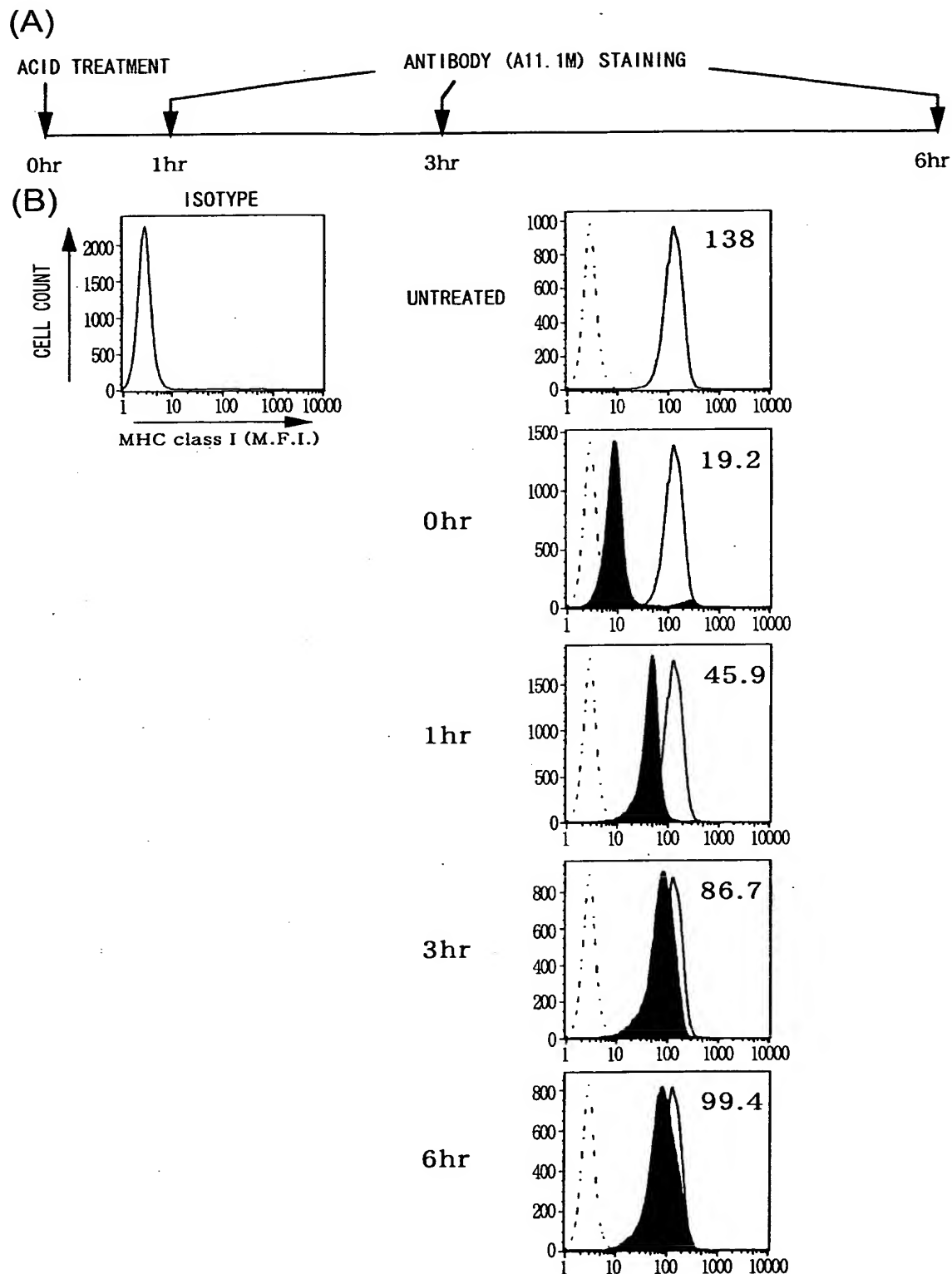
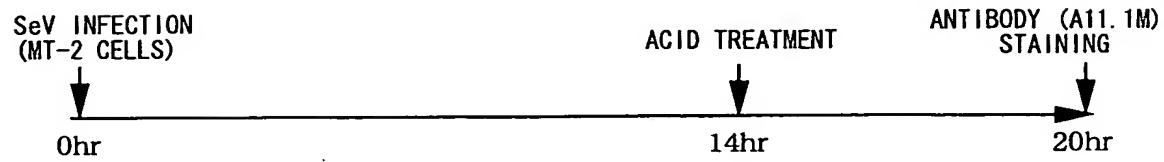


FIG. 8



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(A)



(B)

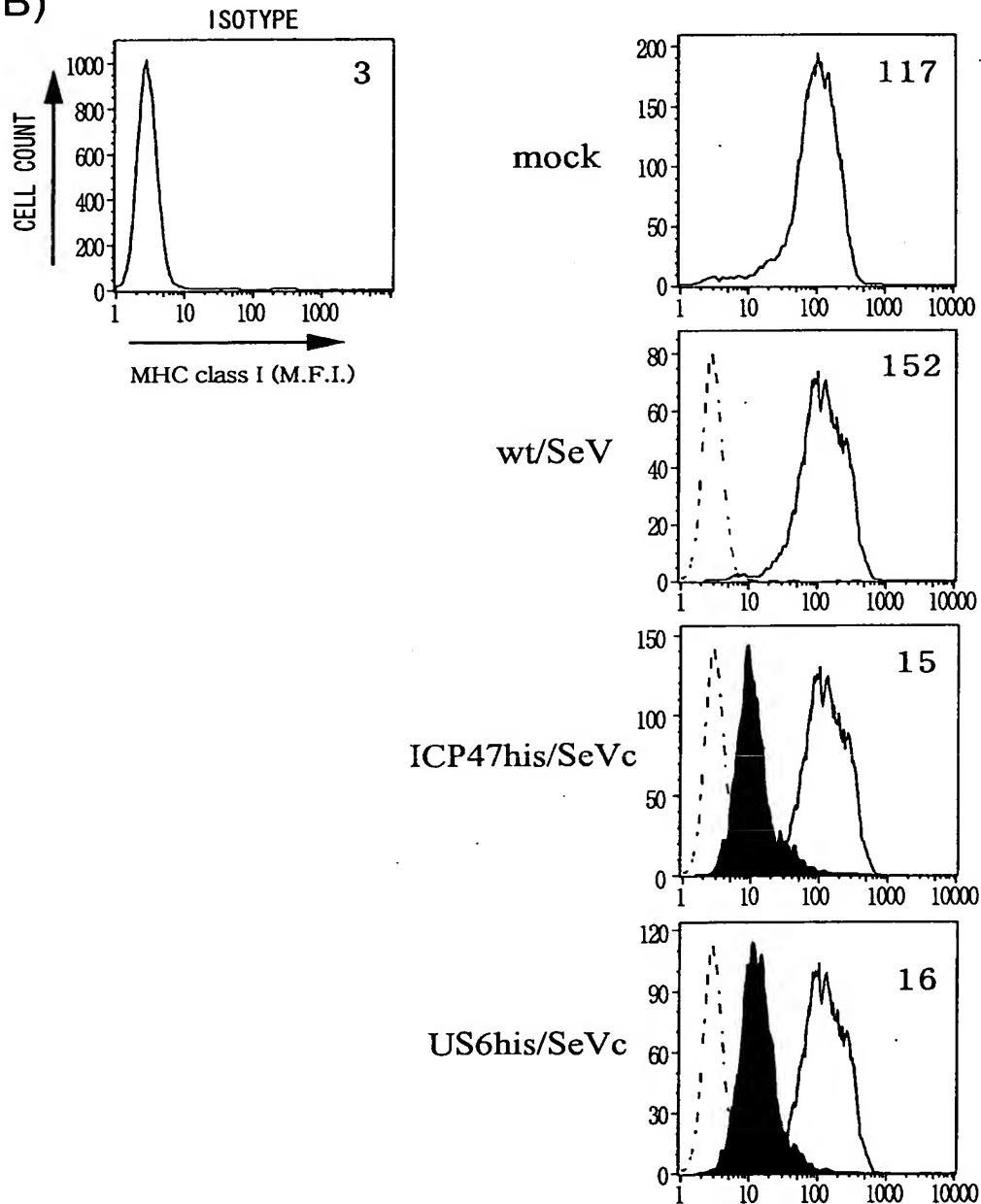
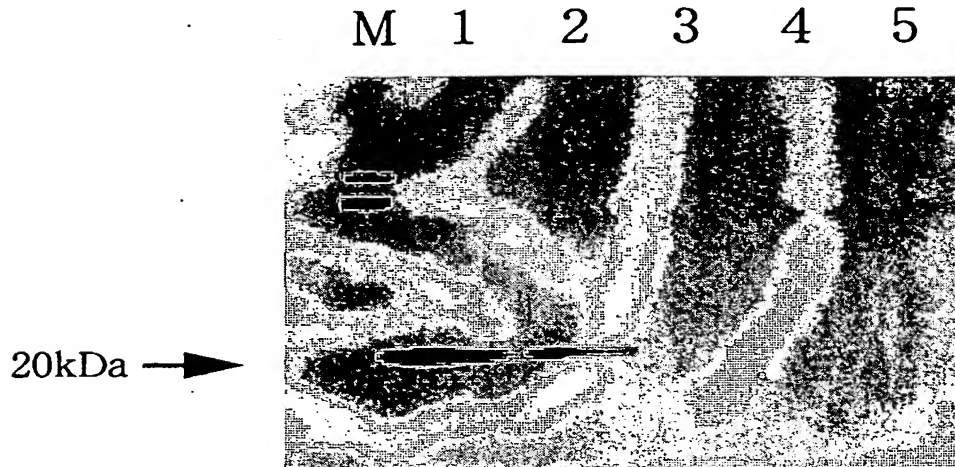


FIG. 9

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(A) ANTI-(His)<sub>6</sub> ANTIBODY



(B) ANTI- $\beta$ 2m ANTIBODY

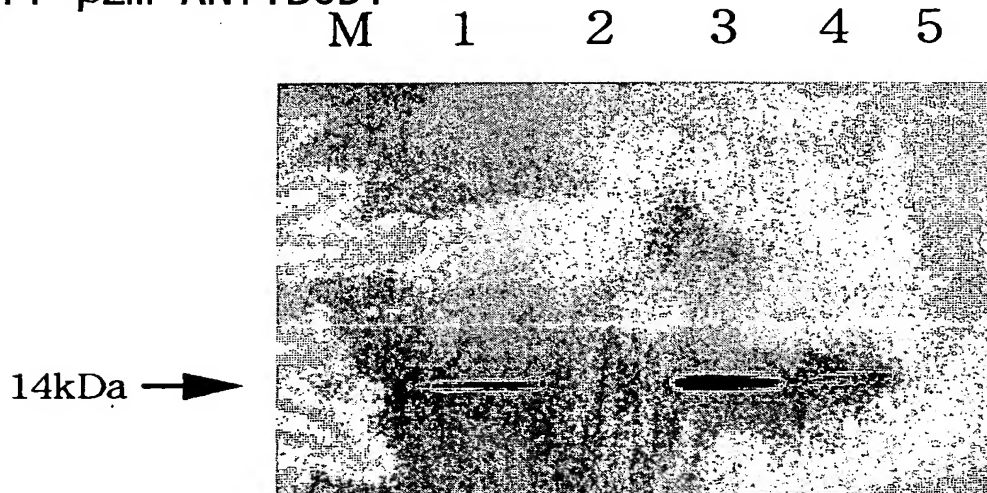
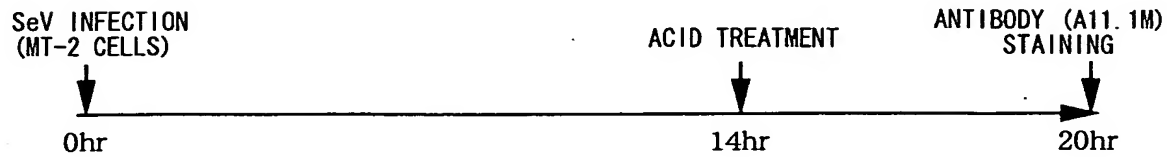


FIG. 10

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(A)



(B)

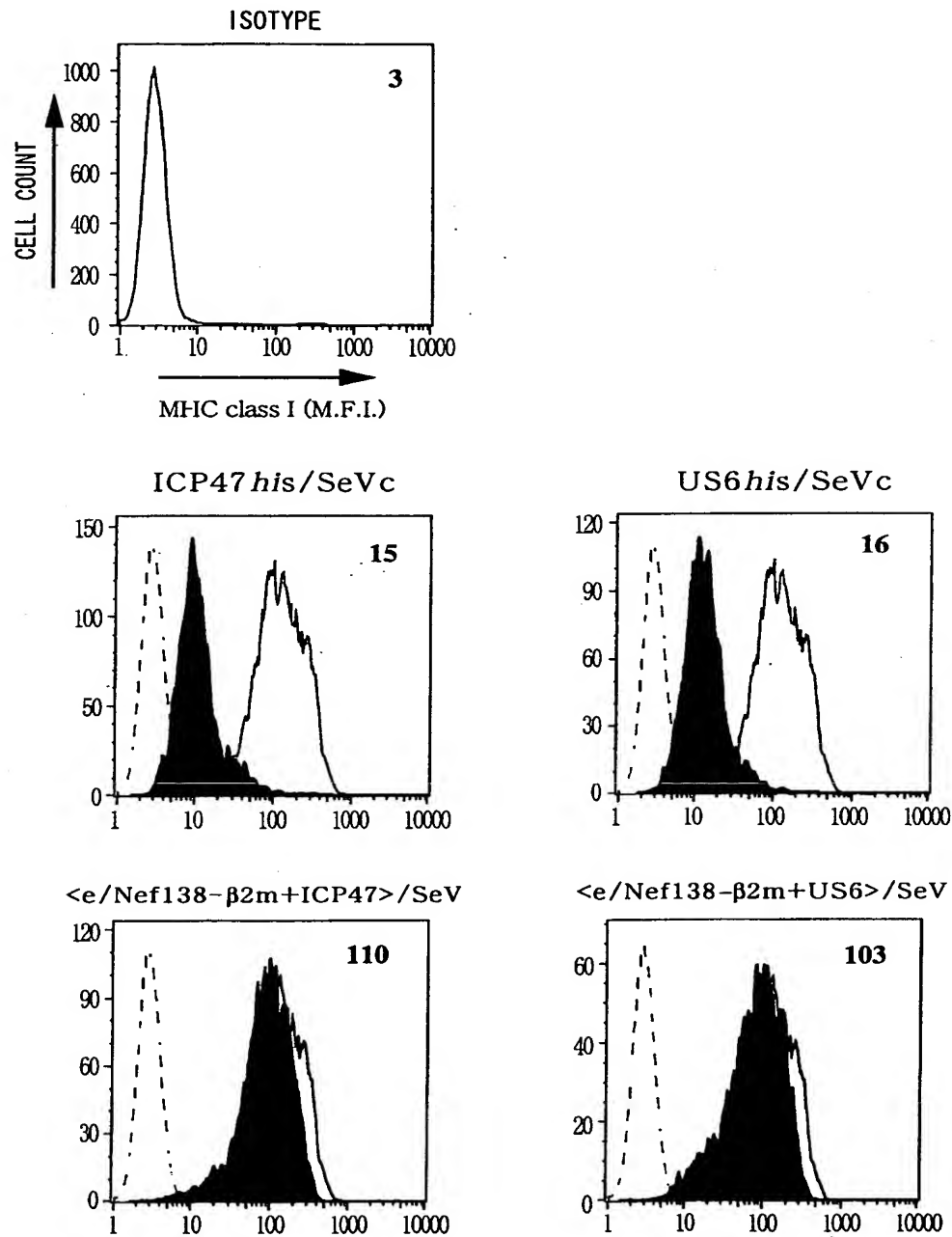


FIG. 11